

Example (3): For some tea drinkers, the preferred form of tea is powder enclosed in a microscopically perforated paper bag.

For extraction of various materials such as flavonoids, high flavonoids and proanthocyanidins for pharmaceutical processing, a removal of 2-hexenal as a precursor for the extraction is desirable. The present invention thus provides a means to manufacture the precursor.

I claim:

1. An apparatus to remove 2-hexenal from ginkgo leaves, said apparatus comprising

(1) a microwave power chamber,

(2) a rotator

(3) ginkgo leave acceptance

(4) exhauster

(5) humidity sensor and

(6) temperature sensor

2. The microwave power chamber of claim 1 is made of a microwave generator and a chamber with microwave environment.

3. The rotator of claim 1 is made of a hollow cylinder with controllable rate of rotation.

4. The ginkgo leaves of claim 1 are shredded pieces of 0.1 to 3 centimeter in dimension.

5. The exhauster of claim 1 is an extension tube of the rotator with a narrower diameter than that of the rotator.

6. The 2-hexenal sensor of claim 1 is made of a humidity sensor located near the exhauster.

7. The temperature sensor of claim 1 is made of a thermal sensor located near the

exhauster.

8. The apparatus of claim 1, wherein the rotator of claim 3 is replaced by a rotating disk plate to simplify the mechanical construction.

9. The apparatus of claim 1 wherein a ginkgo leaves feeder is incorporated in a conveyor belt for a facilitation of an assembly production.

10. The apparatus of claim 1, wherein the treated ginkgo leaves retriever is incorporated in a conveyor belt for facilitation of an assembly production.

11. The apparatus of claim 1 for the production of precursors of ginkgo extracts free from 2-hexenal.